

AD 1050

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Secular sites in Lappland containing  
metal items (eg crosses and beads)  
from Russia and north-west England.

AD 1070

Estimated that at 1070 AD  $\pm$   
humans surpassed nature  
as the major force shaping  
Earth's surface

Soil in particular lost  
at rate of 1,200 ft.

Current agricultural practices  
(2004) unsustainable.

AD1070

Shortlived Viking settlement on coast  
of Labrador and Newfoundland

AD1000) Moulds used in Central and North  
America for pottery manufacture

AD1077

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Carving and erection of stone  
statues begins on Easter Island.

1000 AD

By 1000 AD China had developed gunpowder, paper money, movable type and blast furnaces capable of producing cast iron.

1000 AD

Around 1000 AD India had created a numerical system based on nine numbers followed by a symbol for "zero".

Ca 1050

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Leif Eriksson makes landfall  
in Newfoundland

1000 AD

Population of World: slightly  
over 255 million

Population of Europe: 60 m

1000 A.D.

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Pope Sylvester II introduced  
Hindu - Arabic numerals  
to Europe

1070 AD

A well-preserved (and now  
restored) Viking settlement dating  
to about the year 1,000 exists  
in Newfoundland

c 1070 A.D.

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The chain became commonplace  
in China

10% of the people in England  
were slaves, mostly from Europe  
Many people sold their  
own children

C1070

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Polynesian settlers in  
Hawaii and Easter Island  
clear forests with fire  
exterminating native plants  
& animals

A.D. 1070

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Maya, Totonac, and other  
Mesoamerican people use  
cacao beans to make  
chocolate

C(A.D/1000)

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Earth's population was  
250 million, unchanged  
for 1000 years.  
China was home to  $\frac{1}{4}$  of them

Cordova, Spain - the world's largest  
city - had 450,000

From now until  $\approx 1750$  the  
population growth was  $\approx 1\%$ .

1000/1100

World population = 300 million

C. 1000 AD

In Mexico, the City of TEOTIHUACAN with its pyramid to the sun, was laid out about 1000 AD and grew very slowly in size for 10 centuries.

The Pyramid is covered in stone that was cut by stone. Iron tools came to Mexico with the Spaniards.

Apparently the Chinese and Mexicans came up with the idea of using

line for motor at the same time

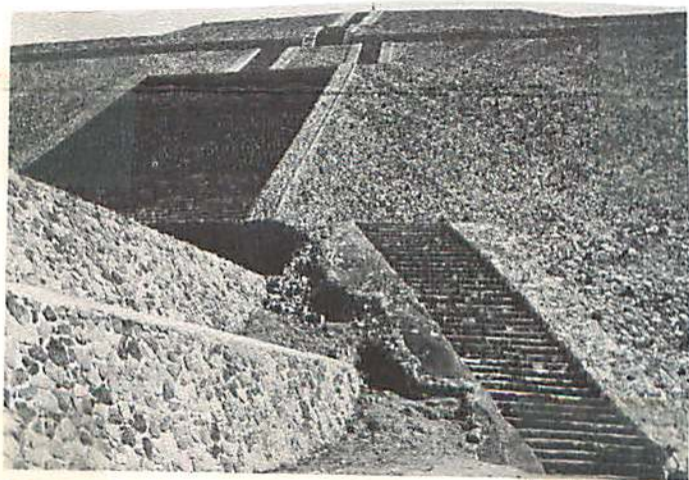
C. 1000 AD

Mesoamericans tracked the  
movements of the sun, moon,  
planets, and stars

C1070

Norse captain Leif Eriksson  
explored Newfoundland and  
settled Vinland, the 1st  
European Colony in North  
America

1000 AD



**17. Pyramid of the Sun, Teotihuacan**  
*Chinese mortar and Mexican stones?*

Pan American Union

AD 1000

A devastating drought may have ended the TIWANAKA's 600 yr-reign over the south-central Andes

1000 - 1438

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Late Intermediate period of  
Culture of Andes (West  
Coast of Sb. America)

1000 - 1470

## CHIMÚ AND INCA (Imperial Revival)

On the ruins of the Moche kingdoms rose the coastal empire of Chimú. Like the Moche, Chimú culture expanded through warfare and grew wealthy from tribute and trade. It also relied on irrigation for its food and supported expert metalworkers and weavers. At their height the Chimú ruled more than 800 miles of the northern coast.

Their Capital, Chan Chan swelled to include as many as 100,000 people: royalty, retainers, craftsmen and traders. about 1200 (when Chimú warriors were conquering affluent northern kingdoms) the INCA were still a minor chiefdom. But in the late 1400s, expanding rapidly from the central highlands, Inca armies overran Chimú's key ally, the city of Cajamarca. There they cut off the Chimú's water supply. The Chimú soon fell. The Inca carried off the Chimú artisans

1000-1470

Through diplomacy and war, CHIMU power spread north and south from the MOCHIC valley. As the empire grew, each king added another palace, and the number of officials and artisans multiplied. Soon Chan Chan, the Chimur capital was the world's largest adobe city. Master smiths crafted ornaments of

finely hammered gold for royal mummies.

1000 A.D. → 1492

Stage called Neo-American  
or Late Prehistoric

The Caddo Tribes of E. Texas reached  
the Neo-American stage before  
the Spanish & French explorers  
made contact in the 1500s  
and 1600s  
others, such as the Karankawas of the

but coast advanced no further than  
the Archaic stage of civilization

Aug 1000

The Naval Commanda (China) Tang  
Fuxian was cited for using  
rockets and fire balls. Arrows  
bearing 5 g of gunpowder near  
the tip were also put into use  
at that time

1000 AD to 1520 AD Maya Chronology

The Postclassic period of  
Mayan History is 1000 AD to 1520 AD.

$$247AD = 1000 AUC$$

1 AD

Rome

Chronologists

AUC to modern

$$754 AUC = 1 AD.$$

247 1000 AUC

This is larger than 753

$$\therefore 1000 AUC - 753 = 247 A.D.$$

AUC	
754	1 AD
+ 4	+
-----	-----
758	5 AD
+ 2	2
-----	-----
760	7 AD

AUC	
260	2 AD
+ 40	40
-----	-----
800	47 AD
+ 200	200
-----	-----
1000	247 AD

1000

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Vikings began exploration  
of North America.

1000AD

Coffee is native of Africa.  
It came out of hills of Ethiopia  
around yr 1000 AD and  
entered Middle East from there,  
probably around 15th Century  
or earlier.

Mohammed forbid alcoholic  
beverages, so coffee became a  
popular drink in the Arabic

World. From Middle East it was introduced to Europe around middle of 17th century.

AD 1000

## JA KEO

A Temple near Angkor Wat  
It was the 1<sup>st</sup> major temple  
made of ~~timber~~ sandstone,  
with each of 5 towers laid  
out in a cruciform pattern  
~~dedicated~~ Dedicated to the Hindu  
god Siva, it was the  
most massive temple of  
its period

c. 1000

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The Norsemen grudgingly  
accepted Christianity and  
centralized power of kings.

over time the Vikings (pirates)  
have been lionized by Scandinavians  
and demonized by others.  
Vikings never wore horns

C. 1000

Liif Eriksson: from Buktahled  
Greenland, north to Baffin Island  
(Holland); south to Labrador  
to Newfoundland (L'Anse aux  
Meadows)

Leif Ericson, son of Eric the Red went to the new continent with a band of missionaries to convert the natives.

He seems to have landed somewhere between Nova Scotia and Mass., but no permanent colonies were established.

1000

Leaf the nose man discovered Labrador

C1000

The Viking left no literature,  
only stones inscribed in the  
runic alphabet with these

declarations: Björn Finnvid's son  
had this rock carved in memory  
of his brother Olaf. He was treacherously  
killed on Finnveden. God help his soul."

C 1000

Backtracking on BJARNI's voyage, about 1000, Lief the Lucky (Erik the Red's son) led the first Europeans to set foot on this new land.

The sagas relate that Lief wintered in a place he called Vinland where he found grapes, salmon, streams, and pastures; then returned to Greenland in the spring.

c.1000

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Christianity was introduced  
into Iceland c.1000 by OLAF I  
of Norway, but it was many  
years before paganism was  
eradicated

A.D. 1000

Arabic philosopher and  
physician Avicenna introduced  
coffee as a beverage  
about 1000 AD

He called the drink bunq

In the 16th cen coffee became  
accepted as a social beverage  
in Arabia and Persia.

By 1000, the Toltecs had expanded southward and overwhelmed the Mayan culture of the YUCATAN peninsula. The Toltecs' name (which in Nahuatl means "masonry-builders") derives from their sophisticated understanding of smelting metal and building in stone. Tollan (now Tula) was their chief city where the ceremonial quarter included pyramids and a court in which the sacred

ball game, TLATCHLI, was played.

The Toltecs were polytheistic semi-savages, whose rites included human sacrifice. Nomadic tribes from the northern extremity of the valley of Mexico, who were known collectively as the CHICHIMEC people, destroyed TOTA TOLLAN in the 13th Cen., ending TOLTEC ascendancy and opening the way for the rise to supremacy of the AZTECS.

A.D. 1000

Cahokia, a large Mississippian  
Period site, located in  
modern St Louis, Missouri

largest circle 410 ft dia.

48 ports

could witness sunrise at  
the equinoxes

AD 1000

CARACOL Observatory was built c1000  
at Mayan Ceremonial site of CITICHEN  
ITZA, Yucatan

Doorways of cylindrical building  
are aligned with Cardinal  
points

In Mesoamerica Calendrical  
systems and mathematics were  
developed to a high degree,  
including use of zero and a

regisimal (multiples of 20) place  
value system

This & Contrade Alignments are very similar

C/000

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Norsemen (Vikings) reached  
Coast of eastern Canada  
c 1000.

c1000

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End of the Khazar  
Kingdom

C/1000 AD

During Middle Ages

Chronographers

The Julian fashion of numbering the days within the month (nonas, Ides, Kalends) became quite common in the middle Ages but never fully replaced the practice of reckoning by liturgical day;

e.g. in vigilia sancti Lucae (was Oct 17); In Domineica Dum Clamorem (10th Sun after Pentecost); so called

from the opening words of the Introit  
at mass

Hence a handbook such as  
that of Gontefend or Cappelli  
or Cheney is indispensable

1000 AD

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Genetic traces of tuberculosis infection extracted from a 1000-yr old Peruvian mummy confirmed that Europeans did NOT introduce the disease into the Americas

1000 AD

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Rome now claimed only  
50,000 population.

Once it had about 1,000,000  
(1 m)

C1000

People across Europe followed many different calendars and is strong argument against a widespread response to the millennium.

Some ushered in the NEW YEAR on JAN 1, others at Christmas, others Good Fri, or the day after. Others on Easter. The year was defined from

place to place

C1000

Leif Ericsson

C 970 late (b) probably born Iceland  
C1020 (d)

Explored Vinland in North America  
around 1000 A.D. Spent 1 yr  
in Vinland

He inherited BRATTALID  
in Greenland

Leif Ericsson day is Oct. 9

1056

Arabic philosopher and  
physician AVICENNA  
introduced Coffee as a  
beverage

In the 16th cen. coffee became  
accepted as a social beverage  
in Arabia & Persia

C1000

Duncan:Cal

945-1004 Abbo of Fleury.

Master of Computus

1000

1912 Dates J-BK

(956? - 1000) OLAF I, TRYGVASSON

First Christian King of Norway. In his early days he was one of the Vikings who were the terror of the North Sea, descending on the coasts of England, Ireland, and France.

In 995 he seized the throne of Norway. He then exerted himself in the Christianizing of his subjects. He was slain in a great naval battle with Denmark and Sweden in 1000.

C/000+

1912 Dates J-BK

Chivalry, like all other systems of education in the Middle Ages, was a discipline. As an institution it grew out of the character and customs of the early Teutons, the structure of the later Roman society, and the early Christian Church. The system did for the laity and for the secular classes what monasticism did for the clergy. It was of greatest service in

check a rude, lawless, and violent people.  
It was well suited to the times.

The knight passed through the period  
as a page from 7<sup>th</sup> to 14<sup>th</sup> yr, and a  
squire from 14<sup>th</sup> to 21<sup>st</sup> yr. The youth  
learned the rudiments of war, of religion, and  
of love. On attaining knighthood the  
religious aspect of his service was increased.  
A knowledge of French - the language  
of chivalry - was necessary.

C 1000 +

1912 Dates J-BK

France

"CHANSONS DE GESTES"

long poems on the heroic deeds of  
Christian Knights, composed and sung  
by Troubadours and Trouveres;  
later by jongleurs and menestrels.  
these were arranged in cycles.

c 1000 AD

1912 Dates J-BK

Teutonic religion

The Abode of the gods is Valhalla where the righteous shall live and be with Odin. The gate of this abode opened readily to the souls of those who had fallen in battle. It was represented as an enormous hall decorated with shields and spears and approached by 540 doors each so large that 800 horses might walk

abreast through it. At these banquets,  
they were attended by valkyries, who  
were deoiled by FREYJA. The valkyries  
are the battle maidens who confer victory  
on Odin's favorites and conduct the fallen  
heroes to Valhalla.

The religion of the Scandinavian and  
Teutonic people in northern Europe  
was founded upon what is  
popularly called Norse mythology.  
It persisted among the more remote  
people of this group until their  
conversion to Christianity in the  
year 1000.  
About this time, the record on

mythological books known to us as EDDAS  
and other literary productions called SAGAS,  
were first published, and it is from  
these that our ideas of the earlier forms  
of religion among the Scandinavian  
and Teutonic people are derived.

The Eddas described the Creation  
as proceeding from an abyss or Chasm out  
of which the giants built a citadel for  
the gods & called it ASGARD which the  
gods reached by a rainbow bridge

AD 1000

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The first toothbrush appeared in China with an ivory handle and bristles from a horse's mane.

1,000

1912 Dates J-BK

## LEIF ERIKSON

A Norseman, son of ERIK, the Red  
who was exiled to Greenland  
and later founded colonies there.

According to 3 accounts in  
Icelandic sagas, he came  
to America about 1000. Discovered  
and explored the new land where  
he spent the winter. Returning  
in Spring to Greenland, he named

the 3 regions visited, HELLULAND,  
MARKLAND and VINLAND, the last  
denoting the grapes found. These  
~~places were~~ variously identified by some  
who accept the claims as respectively:  
Newfoundland, Nova Scotia, and parts  
of New England; while others find  
Helluland in Labrador; Markland in  
Newfoundland, and Vinland in  
Nova Scotia and Cape Breton Island.

1000

1912 Dates J-BK

Leif Ericson visited Canada

c1000 AD

Earth's population was about 250 M - unchanged for a thousand years.

Cordoba Spain, the world's largest city had 450,000 inhabitants

Half of children die before age 5.

1000 A.D.

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Dionysius Exiguus, a monk living in Rome in 6th century devised our system of counting from the Year Christ was born. Few Europeans had calendars or knew that the year 1000 had arrived.

C. 1000 A.D.

Maya, Totonac and other Mesoamerican people use cacao beans to make Chocolate

Polynesian settlers in Hawaii and Easter Island clear forests with fire, exterminating native plants and animals

1000 → 1200

Long dry spell with little  
rain in Great Plains,  
particularly northern part.  
Nevada dried up

C1000

1912 Dates J-BK

Mohammedan architecture reaches  
final fixed types.

The 11<sup>th</sup> century is golden age  
of the architecture of them.

1000

1912 Dates J-BK

Italy & Germany

Hungary became a kingdom.

C1000

1912 Dates J-BK

The Clock escapement is said  
to have been invented in the  
11th Century; sometimes  
ascribed to GERBERT C1000.

1000?

1912 Dates J-BK

Newfoundland, Nova Scotia &  
Coast of New England  
were discovered by  
LEIF ERIKSON, son  
of Erik the Red.

By 1000 A.D.

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Ash Wednesday was  
observed sometime before  
1000 A.D.

1007AD

Leif Ericsson was son of Eric the Red, from Greenland, sailed across the Atlantic to make 1st landing in America (BJARNI HERJOLFSSON 1st sighted, but did not land)

Leif found Markland (northwest Labrador)  
Vinland (probably North Newfoundland)  
and Helluland (perhaps Baffin Island)  
Established a colony in VINLAND

relations were so hostile that Scandinavians  
abandoned their holdings

(modern excavation at L'ANSE-AUX-MEADOWS  
in Newfoundland dated a settlement at around  
1000 AD.

1000

on his return journey from  
Norway to Greenland LEIF  
Erickson was blown off his  
course, discovered hitherto  
unknown lands in which he  
found grapes, self-sown wheat &  
a species of tree called "MAUSON".  
He landed, secured specimens,  
and continued to Greenland

where he was successful in introducing  
Christianity.

There has been no agreement on  
modern identity of VINLAND

C1000

Eric the Red in Greenland resided  
in vain the introduction  
C1000 of Christianity by his  
son LEIF ERICSSON

THE GREENLAND COLONY  
may have survived 4 or 5 centuries  
THORVALD ERICSSON  
was also his son

1000 AD

World Population = 275 M

C 1000

C 1002

ERICSSON

Ericson

Thorsvald, Leif's brother lived in  
America for 2 years until  
he was killed by the local  
inhabitants.

1000-1150 AD

Late Old English

Viking raids; Danelaw kings of England.  
Norman Conquest. Replacement of  
native ruling class by French  
speakers.

Extensive borrowing from Norse,  
especially in the North. French the official  
language. English "submerged".

Further differentiation of dialects

1000

The end of the world had  
been expected; consequent  
religious excitement.



1000

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otto III opened Charlemagne's  
Tomb at Aachen

C/050

Hungary was a kingdom.  
under its first hereditary king,  
St. Stephen.

C1000

---

Beowulf, old English epic was composed.

C1070

---

Chinese invented gunpowder.

C/000

---

Viking raider Leif ERICSON  
discovered North America and  
called it VINLAND.

C/OTO

Hungary and Scandinavia were  
converted to Christianity.

1000

most of the colonists in Greenland embraced Christianity. Leif Ericson's mother, THONHILD, built the first Christian church in the New World, in BRATTALID in the year 1070.

C. 1000 AD

China - The emperor banned printers from making calendars (They had printing presses before 1000 A.D.) arguing that only he had the right to regulate the relationship between the movement of the heavens and earthly affairs.

1000

King Olaf TRYGVESSEN of Norway  
commissioned Leif Ericson to return  
to Greenland and bring Christianity  
to those distant colonies. The king  
sent a priest, THORMOND, to accompany  
Leif and assist in this missionary  
enterprise

1000

Leif Ericson explored farther west.  
He crossed Davis Strait and landed  
first at Baffin Island, then sailed  
south along the Coast of Newfoundland.  
There one of the crew discovered grapes  
ripe for the picking. Leif named the  
land VINLAND THE GOOD. They  
built a traditional Norse longhouse

at L'ANSE AUX MEADOWS and  
spent the winter there, the first  
Europeans to live on the continental  
land mass of the Western Hemisphere

1000 AD

Post Classic (TOLTEC)

Maya.

AD1000 - 1300

Anasazi at Chaco Canyon

1000 AD.

new methods of dating have confirmed the annual growth-rings in trees do not confine dating to the lifetime of a single tree, for the inner patterns of a young tree repeat the outer patterns of an old one, so that long time-sequences can be built up, using even old timbers in buildings which can be dated back nearly a thousand years.

Fluorine Analysis enables bones to be relatively dated, and helped to prove the notorious Piltdown skull to be a forgery. The decay of radioactive 'Carbon 14' at a constant rate can show the age of dead organic matter - though the date of 1848 BC; thus given to Stonehenge is subject to an error, one way or the other, of about 275 years  $1848 \text{ BC} \pm 275 \text{ yrs.}$  The age of a mineral containing potassium can be estimated, provided it is MORE than about 10, million <sup>years</sup> old.

1000 AD

World population was a little  
higher than 255 M  
Europe had 60 M of that

AD 1000

Europe Population = 60,000,000

~1000 AD

A mummy found in Peru  
had TB proving that Europeans  
did not introduce the  
disease after 1492

C1070

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Vikings reach North America

In 1000 AD

Thinking Christ's second coming was ~~on~~  
imminent, multitudes forsake their homes,  
and made over their property - rather illogically,  
to the Church.

1000 AD

Population of world = 269.2 million

50.4 million were Christians

Figure 1: A graph showing the relationship between the number of nodes and the number of edges in a graph.

The graph is a complete graph, meaning every node is connected to every other node.

1000 - 1500 AD

## MOUNDVILLE

on a bluff overlooking the  
Alabama's Black Warrior River  
stood the South's largest town  
and 20 pyramidal mounds.  
Moundville was the center of a  
chiefdom with perhaps 10,000  
members of the MISSISSIPPIAN Culture

AD 1000

During the period around AD 1000 grain grew in northern Norway and grapes in northern England. High in the mountains of central Europe, abandoned ancient mines were successfully reopened. In New Mexico and adjacent areas generally thought of as arid, crop-growing Amerindians of the Anasazi culture

built canyon towns and irrigation  
works. Rain watered the grasslands of  
Asia well during the warm centuries,  
and nomadic horsemen swarmed  
like locusts.

1000-71724 AD

## NATCHEZ

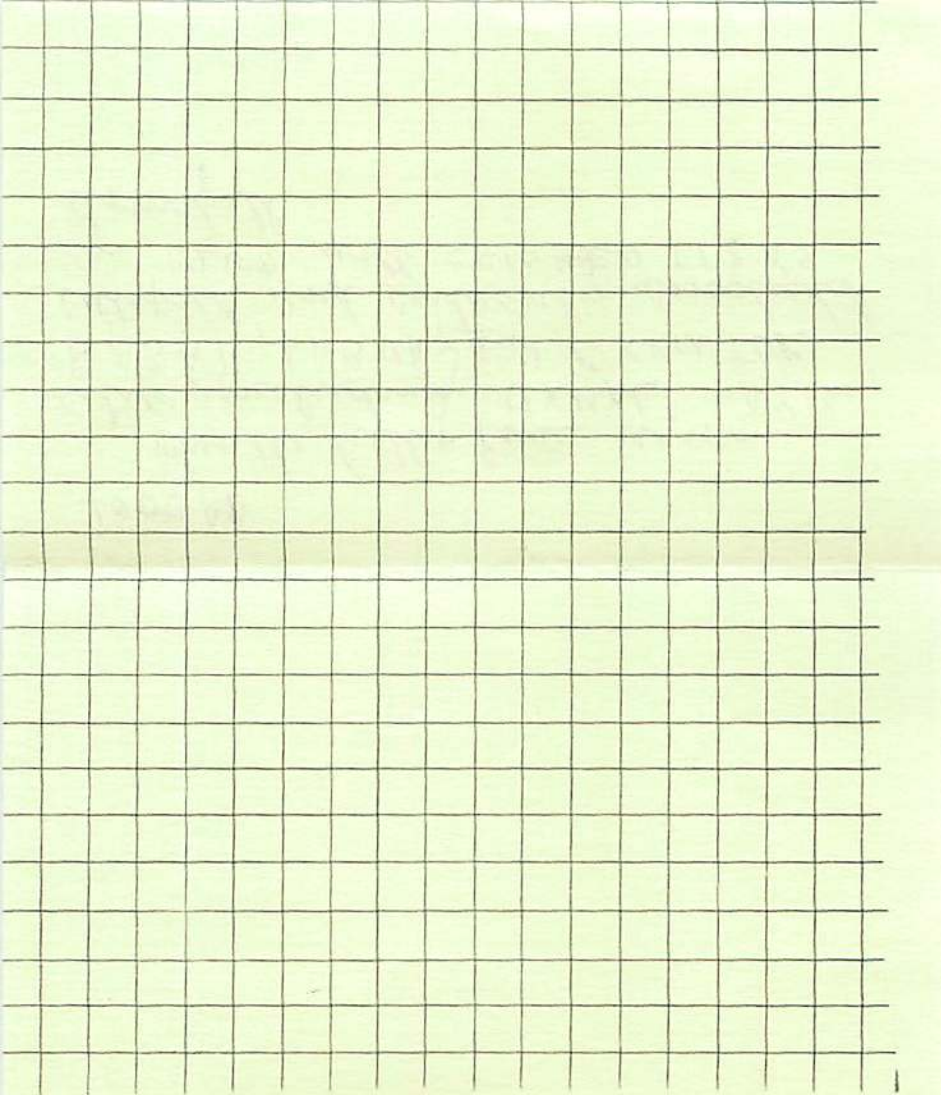
The last Indian house temple mounds were described by the French as "the most civilized of the native tribes". Yet the 1725 death of the Chief's brother TATTOOED Serpent touched off a sacrificial cry. To keep him company, several aides and servants plus his two wives joyously

agreed to be strangled.

After 1000 AD

## CELTS

The Irish defeat the northern invaders. Their church and culture flourish anew. There are high crosses and artistic metalwork with, among other things, the Book of Kells and the Book of Durrow.



1000 AD

When the hilly Puuc region  
cities, including UXMAL, SAYIL,  
KABAH, LABNÁ, and OXKINTOK  
collapsed and certainly, concluded  
in 1200 with CHICHEN ITZÁ'S  
downfall